

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.1A

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148      178      208      238      268      298
FRI-1    ALLVFLDIIIEWTTQETFFPPKYLHYDPETGRQLLCDKCAPGTYLKQHCTVRRKTL CVPCPD
          | : | | | : | | | | | | | | | | | | | | | | | | | | | | | | | | | |
SW:TNR2_HUMAN  HALPAQVAFTPYAPEPGSTCRLREYYDQTAQMCCSKCSPGQHAKVFCTKTSDTVCDSCED
          30      40      50      60      70      80

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328

FRI-1 YSYTDSWHTS

: | | : | :

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SW:TNR2_HUMAN  STYTQLWNWVPECLSCGSRCSDDQVETQACTREQNRICTRPGWYCALSKQEGCRLCAPL
          90      100     110     120     130     140

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FIG.1B

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FRI-1          69 YLHYDPETGRQLLCDKCAPGTYLKQHC.TVRRKTL CV.PCPDY.SYTD SW
          | | . ... | . | | | : | . | : | | | : | | .
TNFR profile   6 YHYDQNGRMCEECHMCQPGHFLVKHCKQPKRDTVCHKPCEPGVTTYTDDW

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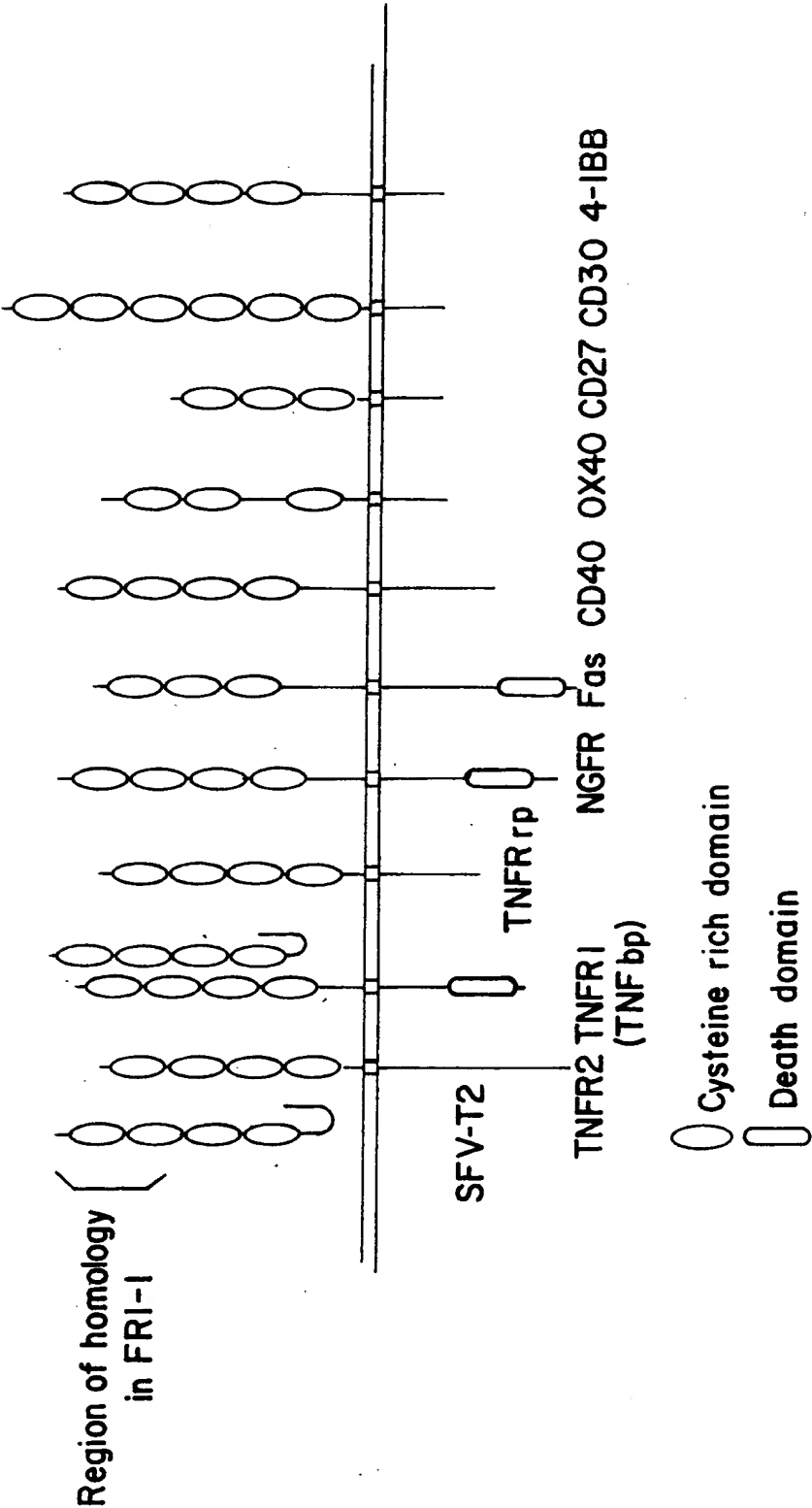
FRI-1 116 H

|

TNFR profile 56 H Z Score = 8.29

12-11-88 12:00 PM

FIG. 1C



APPROVED	O.G. FIG.	
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FIG.2A



FIG.2B

10 30 50
ATCAAAGGCAGGGCATACTTCCTGTTGCCAGACCTTATATAAAACGTCATGTTTCGCCTG
70 90 110
GGCAGCAGAGAAGCACCTAGCACTGGCCCAGCGGCTGCCGCCTGAGGTTTCCAGAGGACC
130 150 170
ACAATGAACAAGTGGCTGTGCTGTGCACTCCTGGTGTCTTGGACATCATTTGAATGGACA
M N K W L C C A L L V F L D I I E W T
190 210 230
ACCCAGGAAACCTTTCTCTCCAAAATACTTGCATTATGACCCAGAAACCGGACGTCAGCTC
T O E T F P P K Y L H Y D P E T G R Q L
250 270 290
TTGTGTGACAAATGTGCTCCTGGCACCTACCTAAAACAGCACTGCACAGTCAGGAGGAAG
L C D K C A P G T Y L K Q H C T V R R K
310 330 350
ACACTGTGTGCTCCCTTGCCCTGACTACTCTTATACAGACAGCTGGCACACGAGTGATGAA
T L C V P C P D Y S Y T D S W H T S D E
370 390 410
TGCCTGTACTGCAGCCCCGTGTGCAAGGAAGTGCAGACCGTGAAACAGGAGTGCAACCGC
C V Y C S P V C K E L Q T V K Q E C N R
430 450 470
ACCCACAACCGAGTGTGCGAATGTGAGGAAGGGCGCTACCTGGAGCTCGAATTCTGCTTG
T H N R V C E C E E G R Y L E L E F C L
490 510 530
AAGCACCGGAGCTGTCCCCCAGGCTTGGGTGTGCTGCAGGCTGGGACCCAGAGCGAAAC
K H R S C P P G L G V L Q A G T P E R N
550 570 590
ACGTTTGTGCAAAAGATGTCCGGATGGGTTCTTCTCAGGTGAGACGTCATCGAAAGCACCC
T V C K R C P D G F F S G E T S S K A P
610 630 650
TGTAGGAAACACACCAACTGCAGCTCACTTGGCCTCCTGCTAATTCAGAAAGGAAATGCA
C R K H T M C S S L G L L L I Q K G N A
670 690 710
ACACATGACAATGTATGTTCCGGAAACAGAGAAGCAACTCAAATTTGTGGAATAGATGTC
T H D N V C S G N R E A T Q N C G I D V
730 750 770
ACCCTGTGCGAAGAGGCATTCTTCAGGTTTGCTGTGCCTACCAAGATTATACCGAATTGG
T L C E E A F F R F A V P T K I I P N W
790 810 830
CTGAGTGTCTGTTGGTGGACAGTTTGCCTGGGACCAAAGTGAATGCAGAGAGTGTAGAGAGG
L S V L V D S L P G T K V N A E S V E R
850 870 890
ATAAAACGGAGACACAGCTCGCAAGAGCAAACCTTTCCAGCTACTTAAGCTGTGGAAGCAT
I K R R H S S Q E Q T F Q L L K L W K H
910 930 950
CAAAACAGAGACCAGGAAATGGTGAAGAAGATCATCCAAGACATTGACCTCTGTGAAAGC
Q N R D Q E M V K K I I Q D I D L C E S
970 990 1010
AGTGTGCAACGGCATATCGGCCACGCGAACCTCACCACAGAGCAGCTCCGCATCTTGATG
S V Q R H I G H A N L T T E Q L R I L M

00400-00000

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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FIG.2C

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1030      1050      1070
GAGAGCTTGCCTGGGAAGAAGATCAGCCCAGACGAGATTGAGAGAACGAGAAAGACCTGC
E S L P G K K I S P D E I E R T R K T C
1090      1110      1130
AAACCCAGCGAGCAGCTCCTGAAGCTACTGAGCTTGTGGAGGATCAAAAATGGAGACCAA
K P S E Q L L K L L S L W R I K N G D Q
1150      1170      1190
GACACCTTGAAGGGCCTGATGTACGCACTCAAGCACTTGAAAGCATACCACTTTCCCAAA
D T L K G L M Y A L K H L K A Y H F P K
1210      1230      1250
ACCGTCACCCACAGTCTGAGGAAGACCATCAGGTTCTTGCACAGCTTCACCATGTACCGA
T V T H S L R K T I R F L H S F T M Y R
1270      1290      1310
TTGTATCAGAACTCTTTCTAGAAATGATAGGGAATCAGGTTCAATCAGTGAAGATAAGC
L Y Q K L F L E M I G N Q V Q S V K I S
1330      1350      1370
TGCTTATAGTTAGGAATGGTCACTGGGCTGTTTCTTCAGGATGGGCCAACACTGATGGAG
C L
1390      1410      1430
CAGATGGCTGCTTCTCCGGCTCTTGAAATGGCAGTTGATTCCTTTCTCATCAGTTGGTGG
1450      1470      1490
GAATGAAGATCCTCCAGCCCAACACACACACTGGGGAGTCTGAGTCAGGAGAGTGAGGCA
1510      1530      1550
GGCTATTTGATAATTGTGCAAAGCTGCCAGGTGTACACCTAGAAAGTCAAGCACCTTGAG
1570      1590      1610
AAAGAGGATATTTTTATAACCTCAAACATAGGCCCTTTCCTTCCTCTCCTTATGGATGAG
1630      1650      1670
TACTCAGAAGGCTTCTACTATCTTCTGTGTCATCCCTAGATGAAGGCCTCTTTTATTTAT
1690      1710      1730
TTTTTTATTCTTTTTTTTCGGAGCTGGGGACCGAACCCAGGGCCTTGCGCTTGCGAGGCAA
1750      1770      1790
GTGCTCTACCACTGAGCTAAATCTCCAACCCCTGAAGGCCTCTTCTTTTGCCTCTGAT
1810      1830      1850
AGTCTATGACATTCTTTTTTCTACAATTTCGTATCAGGTGCACGAGCCTTATCCCATTTGT
1870      1890      1910
AGGTTTCTAGGCAAGTTGACCGTTAGCTATTTTTCCCTCTGAAGATTTGATTCGAGTTGC
1930      1950      1970
AGACTTGGCTAGACAAGCAGGGGTAGGTTATGGTAGTTTATTTAACAGACTGCCACCAGG
1990      2010      2030
AGTCCAGTGTTTCTTGTTCTCTGTAGTTGTACCTAAGCTGACTCCAAGTACATTTAGTA
2050      2070      2090
TGAAAAATAATCAACAAATTTTATTCCTTCTATCAACATTGGCTAGCTTTGTTTCAGGGC
2110      2130      2150
ACTAAAAGAACTACTATATGGAGAAAGAATTGATATTGCCCCCAACGTTCAACAACCCA
2170      2190      2210
ATAGTTTATCCAGCTGTCATGCCTGGTTCAGTGTCTACTGACTATGCGCCCTCTTATTAC
2230      2250      2270
TGCATGCAGTAATTCAACTGGAAATAGTAATAATAATAATAGAAATAAAATCTAGACTCC
2290      2310      2330
ATTGGATCTCTCTGAATATGGGAATATCTAACTTAAGAAGCTTTGAGATTTTCAGTTGTGT
2350      2370      2390
TAAAGGCTTTTATTAAAAAGCTGATGCTCTTCTGTAAAAGTTACTAATATATCTGTAAGA
2410      2430
CTATTACAGTATTGCTATTTATATCCATCCAG

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APPROVED	O.G. FIG.	
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FIG. 3A

Basic
Acidic
 β Form
 β Break

FIG. 3B

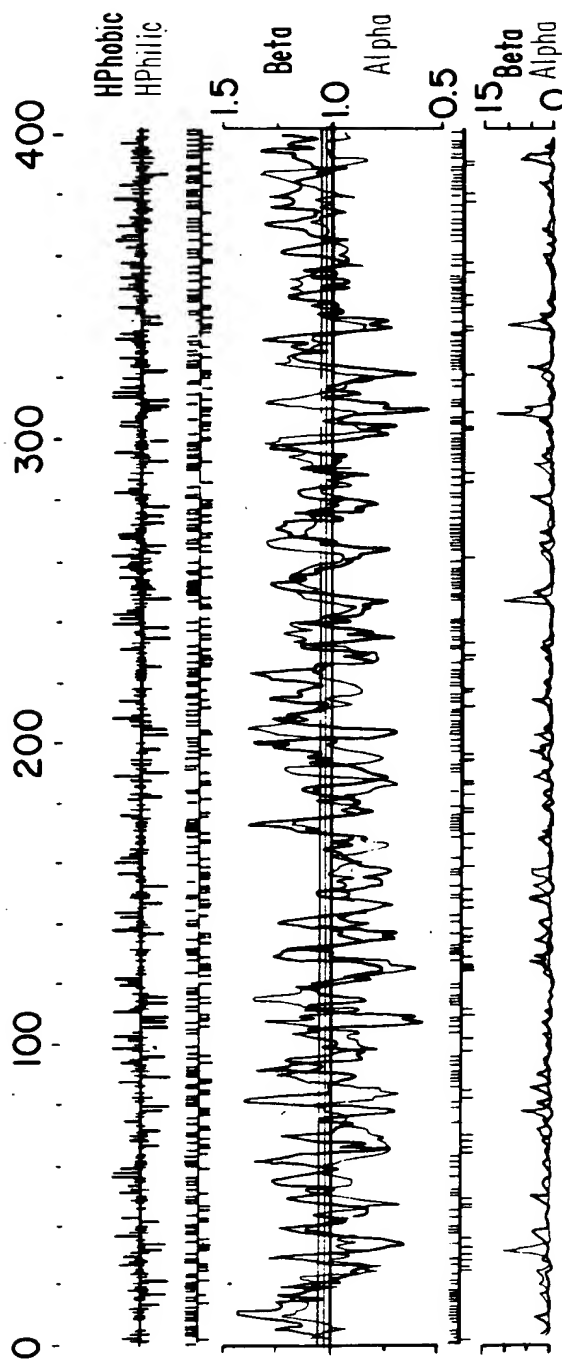
Chou &
Fasman

FIG. 3C

α Form
 α Break
NH₂ End

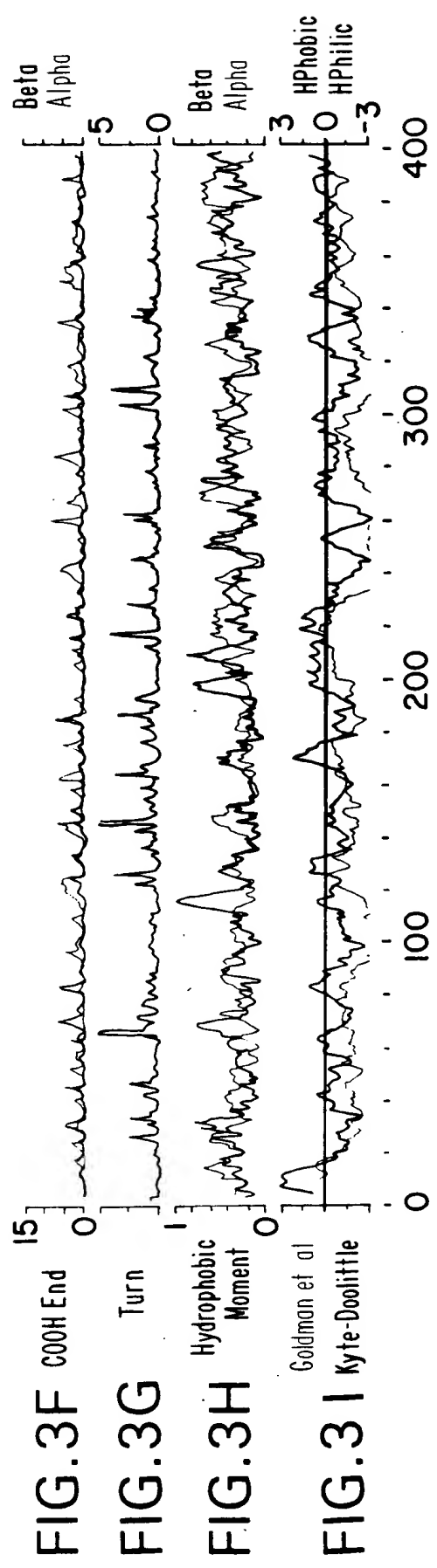
FIG. 3D

FIG. 3E



APPROVED	O.G. FIG.	
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APPROVED	O.G. FIG.	
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DRAFTSMAN		

FIG.4A

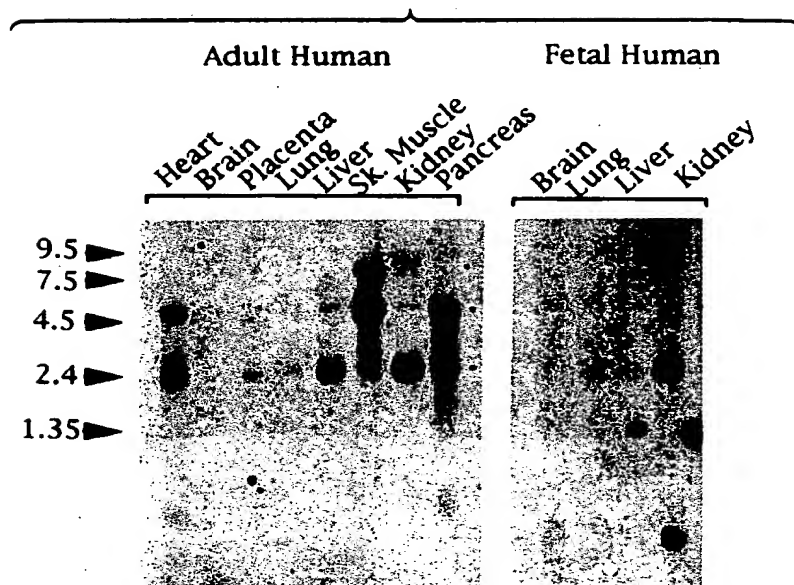
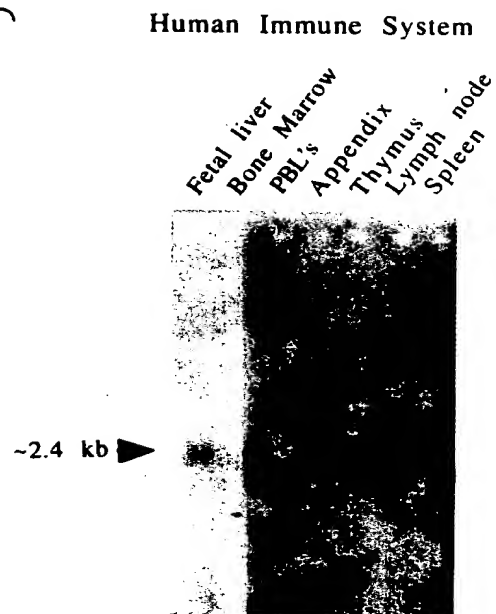
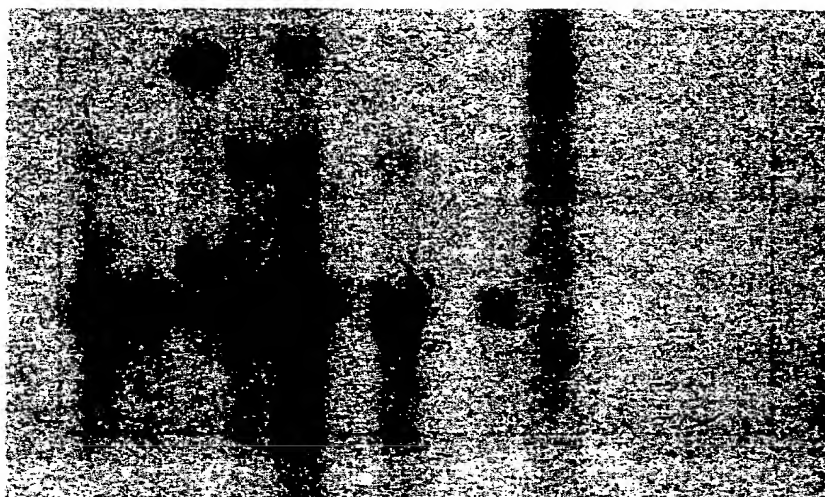


FIG.4B



APPROVED	O.G. FIG.	
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DRAFTSMAN		

FIG.5



2 11 16 17 22 28 33 38 45 Kb 1 12 18 30

Transgenic Founders

Controls

[illegible]

28

30

APPROVED	O.G. FIG.	
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DRAFTSMAN		

FIG. 6G

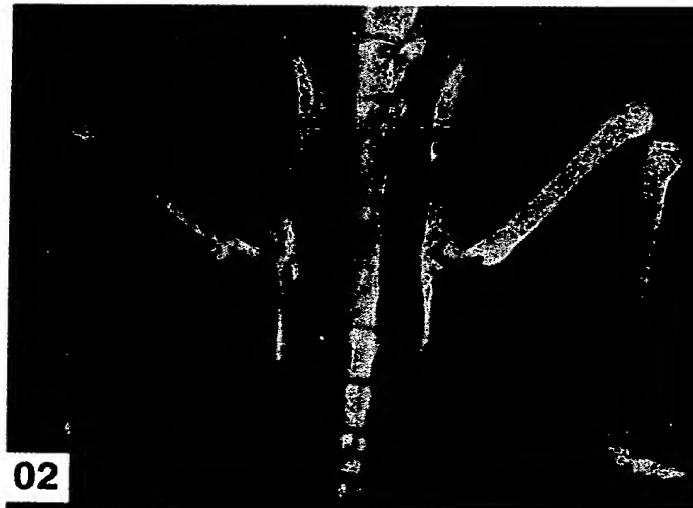
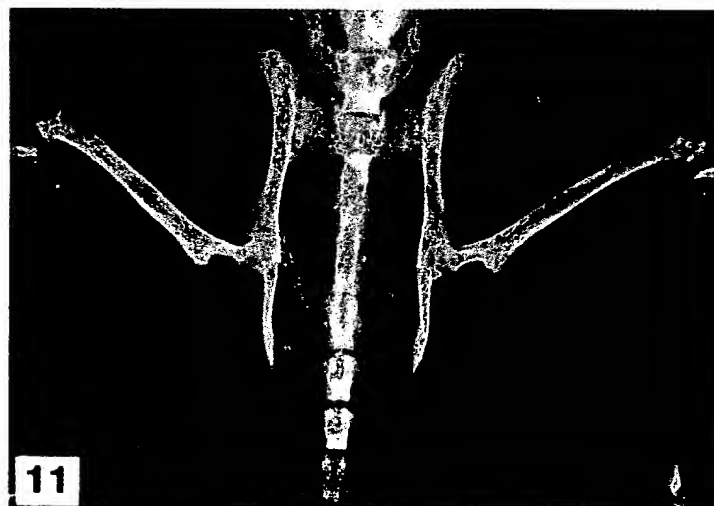


FIG. 6H



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 6I

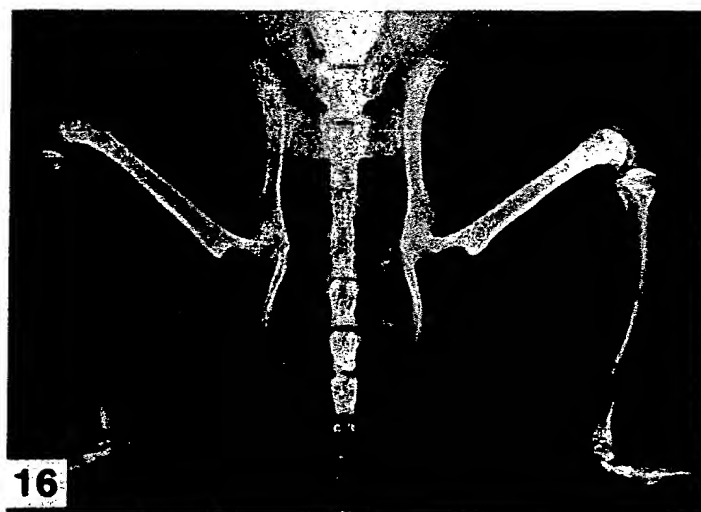
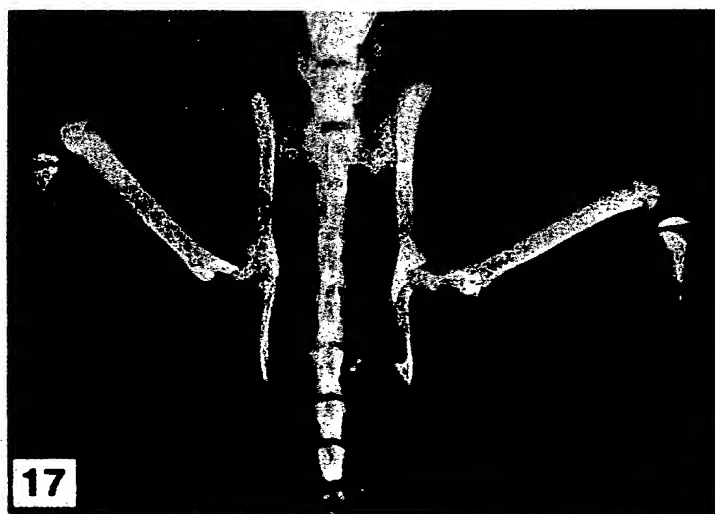


FIG. 6J



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.7A

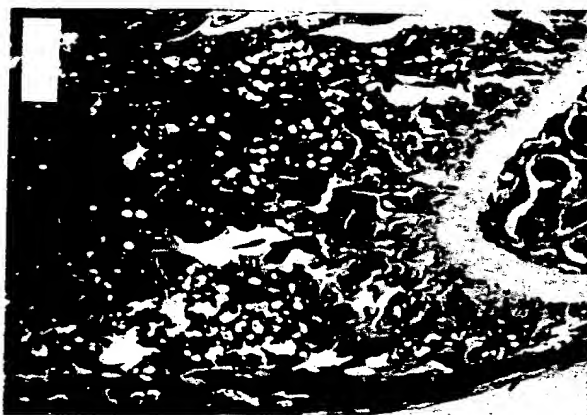


FIG.7B

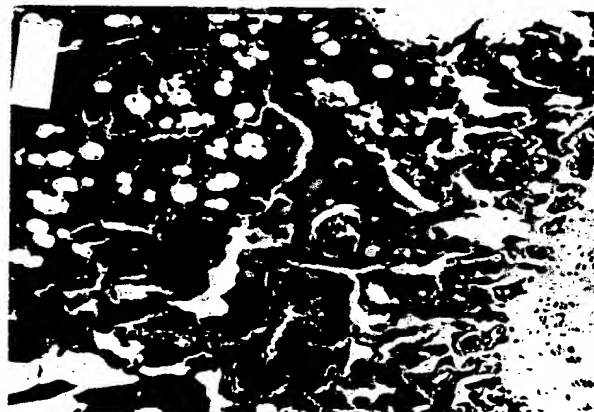


FIG.7C



FIG.7D



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APPROVED	O.G. FIG.	
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FIG.8A



FIG.8B



FIG.8C

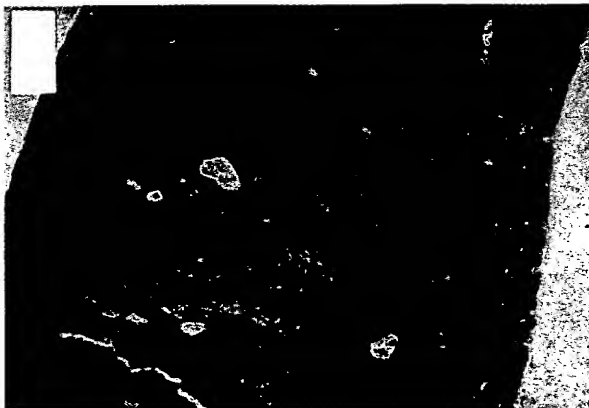
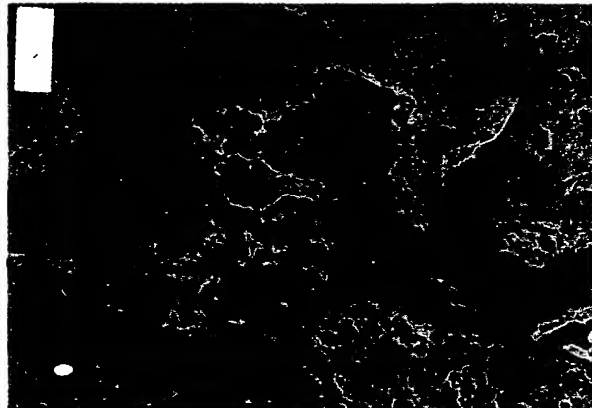


FIG.8D



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.9A

10 30 50
CCTTATATAARACGTCATGATTGCCTGGGCTGCAGAGACGCACCTAGCACTGACCCAGCG
70 90 110
GCTGCCTCCTGAGGTTTCCCGAGGACCACAATGAACAAGTGGCTGTGCTGCGCACTCCTG
M N K W L C C A L L
130 150 170
GTGCTCCTGGACATCATTTGAATGGACAACCCAGGAAACCCTTCCTCCAAAGTACTTGCAT
V L L D I I E W T T O E T L P P K Y L H
190 210 230
TATGACCCAGAACTGGTCATCAGCTCCTGTGTGACAAATGTGCTCCTGCGACCTACCTA
Y D P E T G H Q L L C D K C A P G T Y L
250 270 290
AAACAGCACTGCACAGTGAGGAGGAAGACATTGTGTGTCCCTTGCCCTGACCACTCTTAT
K Q H C T V R R K T L C V P C P D H S Y
310 330 350
ACGGACAGCTGGCACACCAGTGATGAGTGTGTGTATTGCAGCCCAGTGTGCAAGGAACTG
T D S W H T S D E C V Y C S P V C K E L
370 390 410
CAGTCCGTGAAGCAGGAGTGCAACCGCACCCACAACCGAGTGTGTGAGTGTGAGGAAGGG
Q S V K Q E C N R T H N R V C E C E E G
430 450 470
CGTTACCTGGAGATCGAATTCTGCTTGAAGCACCGGAGCTGTCCCCCGGGCTCCGGCGTG
R Y L E I E F C L K H R S C P P G S G V
490 510 530
GTGCAAGCTGGAACCCCAGAGCGAAACACAGTTTGCAAAAAATGTCCAGATGGGTTCTTC
V Q A G T P E R N T V C K K C P D G F F
550 570 590
TCAGGTGAGACTTCATCGAAAGCACCCCTGTATAAAACACACGAACTGCAGCACATTTGGC
S G E T S S K A P C I K H T N C S T F G
610 630 650
CTCCTGCTAATTCAGAAAGGAAATGCAACACATGACAACGTGTGTTCCGGAAACAGAGAA
L L L I Q K G N A T H D N V C S G N R E
670 690 710
GCCACGCAAAAGTGTGGAATAGATGTCACCCTGTGTGAAGAGGCCTTCTTCAGGTTTGCT
A T Q K C G I D V T L C E E A F F R F A
730 750 770
GTTCTACCAAGATTATACCAAATTGGCTGAGTGTGTTTGGTGGACAGTTTGCCTGGGACC
V P T K I I P N W L S V L V D S L P G T

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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.9C

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      10              30              50
GTATATATAACGTGATGAGCGTACGGGTGCGGAGACGCACCGGAGCGCTCGCCCAGCCGC
      70              90              110
CGYCTCCAAGCCCCCTGAGGTTTCCGGGGACCACAATGAACAAGTTGCTGTGCTGCGCGCT
                                M N K L L C C A L
      130              150              170
CGTGTTTCTGGACATCTCCATTAAGTGGACCACCCAGGAAACGTTTCCTCCAAAGTACCT
V F L D I S I K W T T O E T F P P K Y L
      190              210              230
TCATTATGACGAAGAAACCTCTCATCAGCTGTTGTGTGACAAATGTCCTCCTGGTACCTA
H Y D E E T S H Q L C D K C P P G T Y
      250              270              290
CCTAAAACAACACTGTACAGCAAAGTGGAAGACCGTGTGCGCCCCCTGCCCTGACCACTA
L K Q H C T A K W K T V C A P C P D H Y
      310              330              350
CTACACAGACAGCTGGCACACCAGTGACGAGTGTCTATACTGCAGCCCCGTGTGCAAGGA
Y T D S W H T S D E C L Y C S P V C K E
      370              390              410
GCTGCAGTACGTCAAGCAGGAGTGCAATCGCACCCACAACCGCGTGTGCGAATGCAAGGA
L Q Y V K Q E C N R T H N R V C E C K E
      430              450              470
AGGGCGCTACCTTGAGATAGAGTTCTGCTTGAAACATAGGAGCTGCCCTCCTGGATTG
G R Y L E I E F C L K H R S C P P G F G
      490              510              530
AGTGGTGCAAGCTGGAACCCCAGAGCGAAATACAGTTTGCAAAAGATGTCCAGATGGGTT
V V Q A G T P E R N T V C K R C P D G F
      550              570              590
CTTCTCAAATGAGACGTCATCTAAAGCACCCCTGTAGAAAACACACAAATTGCAGTGTCTT
F S N E T S S K A P C R K H T N C S V F
      610              630              650
TGGTCTCCTGCTAACTCAGAAAGGAAATGCAACACACGACAACATATGTTCCGGAAACAG
G L L L T Q K G N A T H D N I C S G N S
      670              690              710
TGAATCAACTCAAAAATGTGGAATAGATGTTACCCTGTGTGAGGAGGCATTCTTCAGGTT
E S T Q K C G I D V T L C E E A F F R F
      730              750              770
TGCTGTTTCCTACAAAGTTTACGCCTAACTGGCTTAGTGTCTTGGTAGACAATTTGCCTGG
A V P T K F T P N W L S V L V D N L P G

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SEQUENCE LISTING

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 9D

790 810 830
CACCAAAGTAAACGCAGAGAGTGTAGAGAGGATAAAACGGCAACACAGCTCACAAGAACA
T K V N A E S V E R I K R Q H S S Q E Q
850 870 890
GACTTTCCAGCTGCTGAAGTTATGGAAACATCAAAACAAAGACCAAGATATAGTCAAGAA
T F Q L L K L W K H Q N K D Q D I V K K
910 930 950
GATCATCCAAGATATTGACCTCTGTGAAAACAGCGTGCAGCGGCACATTGGACATGCTAA
I I Q D I D L C E N S V Q R H I G H A N
970 990 1010
CCTCACCTTCGAGCAGCTTCGTAGCTTGATGGAAAGCTTACCGGGAAAGAAAGTGGGAGC
L T F E Q L R S L M E S L P G K K V G A
1030 1050 1070
AGAAGACATTGAAAAACAATAAAGGCATGCAAACCCAGTGACCAGATCCTGAAGCTGCT
E D I E K T I K A C K P S D Q I L K L L
1090 1110 1130
CAGTTTGTGGCGAATAAAAAATGGCGACCAAGACACCTTGAAGGGCCTAATGCACGCACT
S L W R I K N G D Q D T L K G L M H A L
1150 1170 1190
AAAGCACTCAAAGACGTACCACTTTCCCAAAACTGTCACTCAGAGTCTAAAGAAGACCAT
K H S K T Y H F P K T V T Q S L K K T I
1210 1230 1250
CAGGTTCTTCACAGCTTTCACAATGTACAATTTGTATCAGAAGTTATTTTAGAAATGAT
R F L H S F T M Y K L Y Q K L F L E M I
1270 1290 1310
AGGTAACCAGGTCCAATCAGTAAAAATAAGCTGCTTATAACTGGAAATGGCCATTGAGCT
G N Q V Q S V K I S C L
1330 1350
GTTTCCTCACAATTGGCGAGATCCCATGGATGATAA

APPROVED	O.G. FIG.	
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DRAFTSMAN		

ORIGINAL

FIG.9E

muosteo.frg 50
ratosteo.frg 50
huosteo.frg 50

M	N	K	W	L	C	C	A	L	L	V	L	L	D	I	I	E	W	T	T	Q	E	T	L	P	P	K	Y	L	H	Y	D	P	E	T	G	H	Q	L	L	C	D	K	C	A	P	G	T	Y	L
M	N	K	W	L	C	C	A	L	L	V	L	L	D	I	I	E	W	T	T	Q	E	T	F	P	P	K	Y	L	H	Y	D	P	E	T	G	R	Q	L	L	C	D	K	C	A	P	G	T	Y	L
M	N	K	L	L	C	C	A	L	V	F	L	D	I	S	I	K	W	T	T	Q	E	T	F	P	P	K	Y	L	H	Y	D	E	T	S	H	Q	L	L	C	D	K	C	P	P	G	T	Y	L	

muosteo.frg 100
ratosteo.frg 100
huosteo.frg 100

K	Q	H	C	T	V	R	R	K	T	L	C	V	P	C	P	D	H	S	Y	T	D	S	W	H	T	S	D	E	C	V	Y	C	S	P	V	C	K	E	L	Q	S	V	K	Q	E	C	N	R	T
K	Q	H	C	T	V	R	R	K	T	L	C	V	P	C	P	D	Y	S	Y	T	D	S	W	H	T	S	D	E	C	V	Y	C	S	P	V	C	K	E	L	Q	T	V	K	Q	E	C	N	R	T
K	Q	H	C	T	A	K	W	K	T	V	C	A	P	C	P	D	H	Y	Y	T	D	S	W	H	T	S	D	E	C	L	Y	C	S	P	V	C	K	E	L	Q	Y	V	K	Q	E	C	N	R	T

muosteo.frg 150
ratosteo.frg 150
huosteo.frg 150

H	N	R	V	C	E	C	E	E	G	R	Y	L	E	I	E	F	C	L	K	H	R	S	C	P	P	G	S	G	V	V	Q	A	G	T	P	E	R	N	T	V	C	K	K	C	P	D	G	G	F	F
H	N	R	V	C	E	C	E	E	G	R	Y	L	E	I	E	F	C	L	K	H	R	S	C	P	P	G	L	G	V	L	Q	A	G	T	P	E	R	N	T	V	C	K	R	C	P	D	G	G	F	F
H	N	R	V	C	E	C	R	E	G	R	Y	L	E	I	E	F	C	L	K	H	R	S	C	P	P	G	F	G	V	V	Q	A	G	T	P	E	R	N	T	V	C	K	R	C	P	D	G	G	F	F

muosteo.frg 200
ratosteo.frg 200
huosteo.frg 200

S	G	E	T	S	S	K	A	P	C	I	K	H	T	N	C	S	T	F	G	L	L	L	I	Q	K	G	N	A	T	H	D	N	V	C	S	G	N	R	R	E	A	T	Q	K	C	G	I	D	V	T
S	G	E	T	S	S	K	A	P	C	R	K	H	T	N	C	S	S	L	G	L	L	L	I	Q	K	G	N	A	T	H	D	N	V	C	S	G	N	R	R	E	A	T	Q	N	C	G	I	D	V	T
S	N	E	T	S	S	K	A	P	C	R	K	H	T	N	C	S	V	F	G	L	L	L	T	Q	K	G	N	A	T	H	D	N	I	C	S	G	N	S	E	S	T	Q	K	C	G	I	D	V	T	

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

SECRET

FIG. 9F

muosteo.frg	L C E E A F F R F A V P T K I I P N W L S V L V D S L P G T K K V N A E S V E R I K R R H S S Q E Q T	250
ratosteo.frg	L C E E A F F R F A V P T K I I P N W L S V L V D S L P G T K K V N A E S V E R I K R R H S S Q E Q T	250
huosteo.frg	L C E E A F F R F A V P T K F T P N W L S V L V D N L P G T K K V N A E S V E R I K R Q H S S Q E Q T	250
muosteo.frg	F Q L L K L W K H Q N R D Q E M V K K I I Q D I D L C E S S V Q R H L G H S N L T T E Q L L A L M E	300
ratosteo.frg	F Q L L K L W K H Q N R D Q E M V K K I I Q D I D L C E S S V Q R H I G H A N L T T E Q L R I L M E	300
huosteo.frg	F Q L L K L W K H Q N K D Q D I V K K I I Q D I D L C E N S V Q R H I G H A N L T F F E Q L R S L M E	300
muosteo.frg	S L P G K K I S P E E I E R T R K T C K S S E Q L L K L L S L W R I K N G D Q D T L K G L M Y A L K	350
ratosteo.frg	S L P G K K I S P D E I E R T R K T C K P S E Q L L K L L S L W R I K N G D Q D T L K G L M Y A L K	350
huosteo.frg	S L P G K K V G A E D I E K T I K A C K P S D Q I L K L L S L W R I K N G D Q D T L K G L M H A L K	350
muosteo.frg	H L K T S H F P K T V T H S L R K K T M R F L H S F T M Y R L Y Q K L F L E M I G N Q V Q S V K I S C	400
ratosteo.frg	H L K A Y H F P K T V T H S L R K K T I R F L H S F T M Y R L Y Q K L F L E M I G N Q V Q S V K I S C	400
huosteo.frg	H S K T Y H F P K T V T Q S L K K T I R F L H S F T M Y K L Y Q K L F L E M I G N Q V Q S V K I S C	400
muosteo.frg	L	401
ratosteo.frg	L	401
huosteo.frg	L	401

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

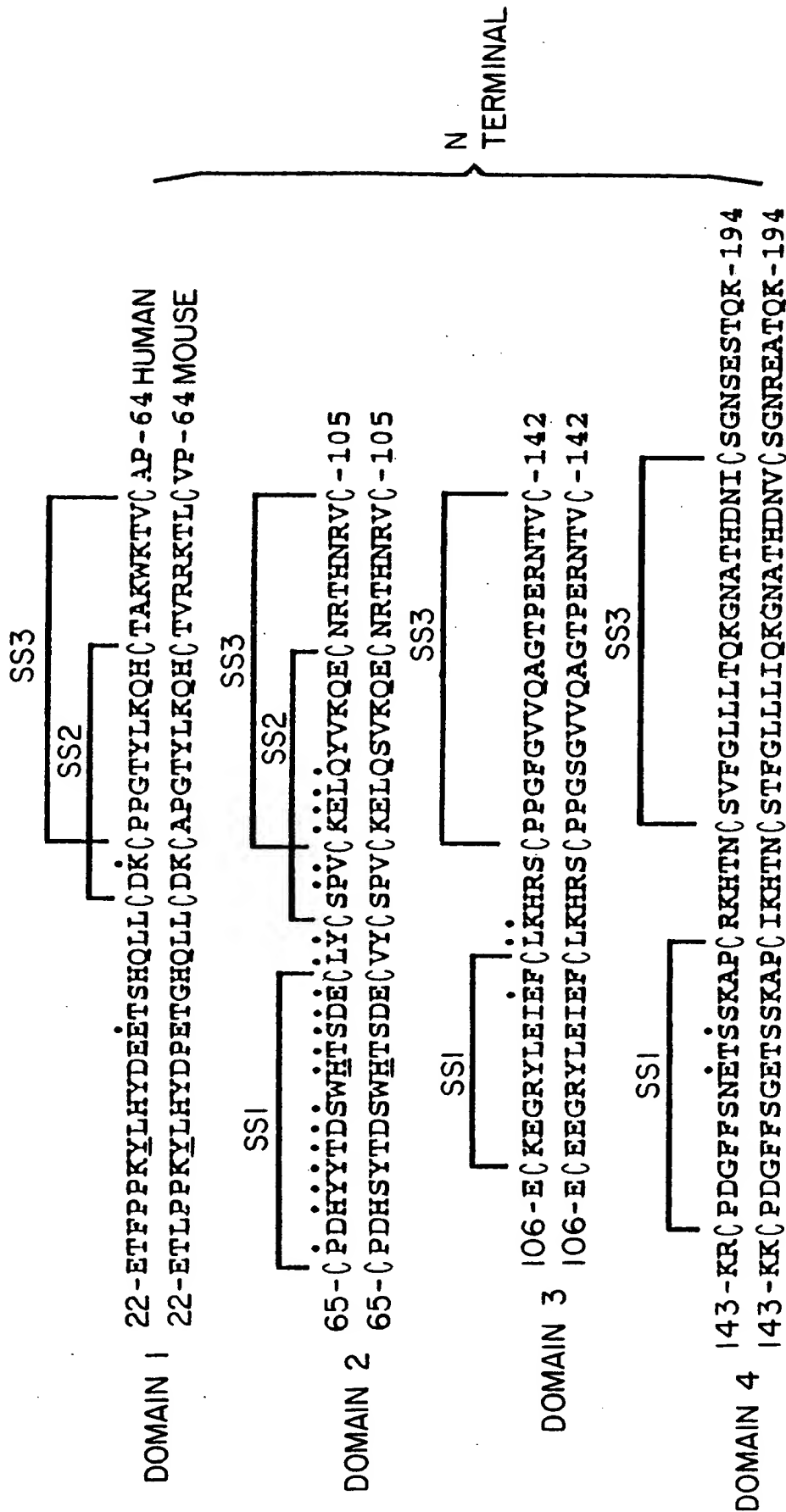
SECRET

FIG.10

ltnrr	C	P	Q	-	G	K	Y	I	H	P	Q	N	N	S	I	C	C	T	K	C	H	K	G	T	Y	L	Y	N	D	C	P	G	P	G	Q	D	T	D	C	R	E	C	E	S	G	S	F	T	A	S	49
humoste	P	P	K	Y	L	H	Y	D	E	E	T	S	H	Q	L	L	C	D	K	C	P	P	G	T	Y	L	K	Q	H	C	T	A	K	-	W	K	T	V	C	A	P	C	P	D	H	Y	T	D	S	49	
ltnrr	E	N	H	L	R	H	C	L	S	C	S	-	K	C	R	K	E	M	G	Q	V	E	I	S	S	C	T	V	D	R	D	T	V	C	G	C	R	K	N	Q	Y	R	H	Y	W	S	E	N	L	F	98
humoste	W	H	T	S	D	E	C	L	Y	C	S	P	V	C	-	K	E	L	Q	Y	V	K	-	Q	E	C	N	R	T	H	N	R	V	C	E	C	K	E	G	R	Y	L	E	I	-	-	-	E	-	F	93
ltnrr	Q	C	F	N	C	S	L	C	L	N	G	-	T	V	H	L	S	C	Q	E	K	Q	N	T	V	C	T	-	C	H	A	G	F	F	L	R	E	-	-	-	N	E	C	V	S	C	139				
humoste	-	C	L	K	H	R	S	C	P	P	G	F	G	V	V	Q	A	G	T	P	E	R	N	T	V	C	K	R	C	P	D	G	F	F	S	N	E	T	S	S	K	A	P	C	R	K	H	139			

10-11-1960

FIG. 12A



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 12B

195-[GIDVTLC]EEAFRFAVPTKFTPNWLSVLVDNLPGTKVNAESVERIKRQHSS-246
 195-[GIDVTLC]EEAFRFAVPTKIIPNWLSVLVDNLPGTKVNAESVERIKRRHSS-246
 247-QEQTFFQLLKLWKHQNKDDIVKKIIQDIDILCENSVQRHIGHANLTFEQLRSL-298
 247-QEQTFFQLLKLWKHQNRDQEMVKKIIQDIDILCESSVQRHLGHSNLTTEQLLAL-298
 299-MESLPGKKVGAEDIEKTIKACKPSDQILKLLSLWRIKNGDQDTLKGLMHALK-350
 299-MESLPGKKISPEEIERTRKTKCSSEQLLKLKLLSLWRIKNGDQDTLKGLMYALK-350
 351-HSKTYHFPKTVTQSLKKTIRFLHSFTMYKLYQKLFLEMIGNQVQSVKISCL-401
 351-HLKTSHPKTVTHSLRKTMRFLHSFTMYRLYQKLFLEMIGNQVQSVKISCL-401

C } TERMINAL

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.13A

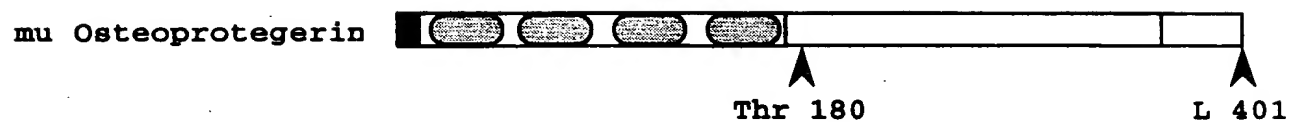


FIG.13B

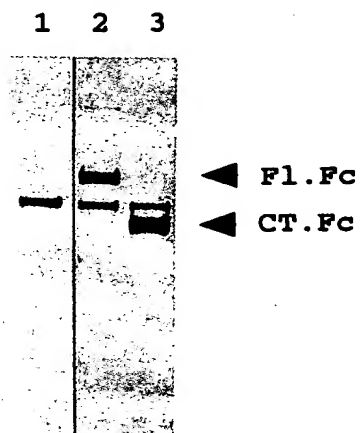
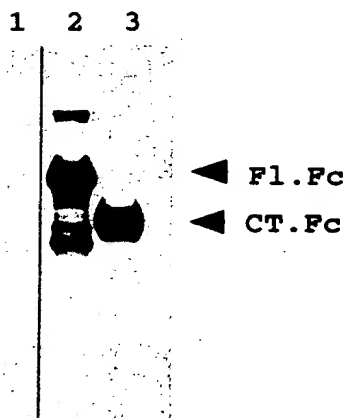
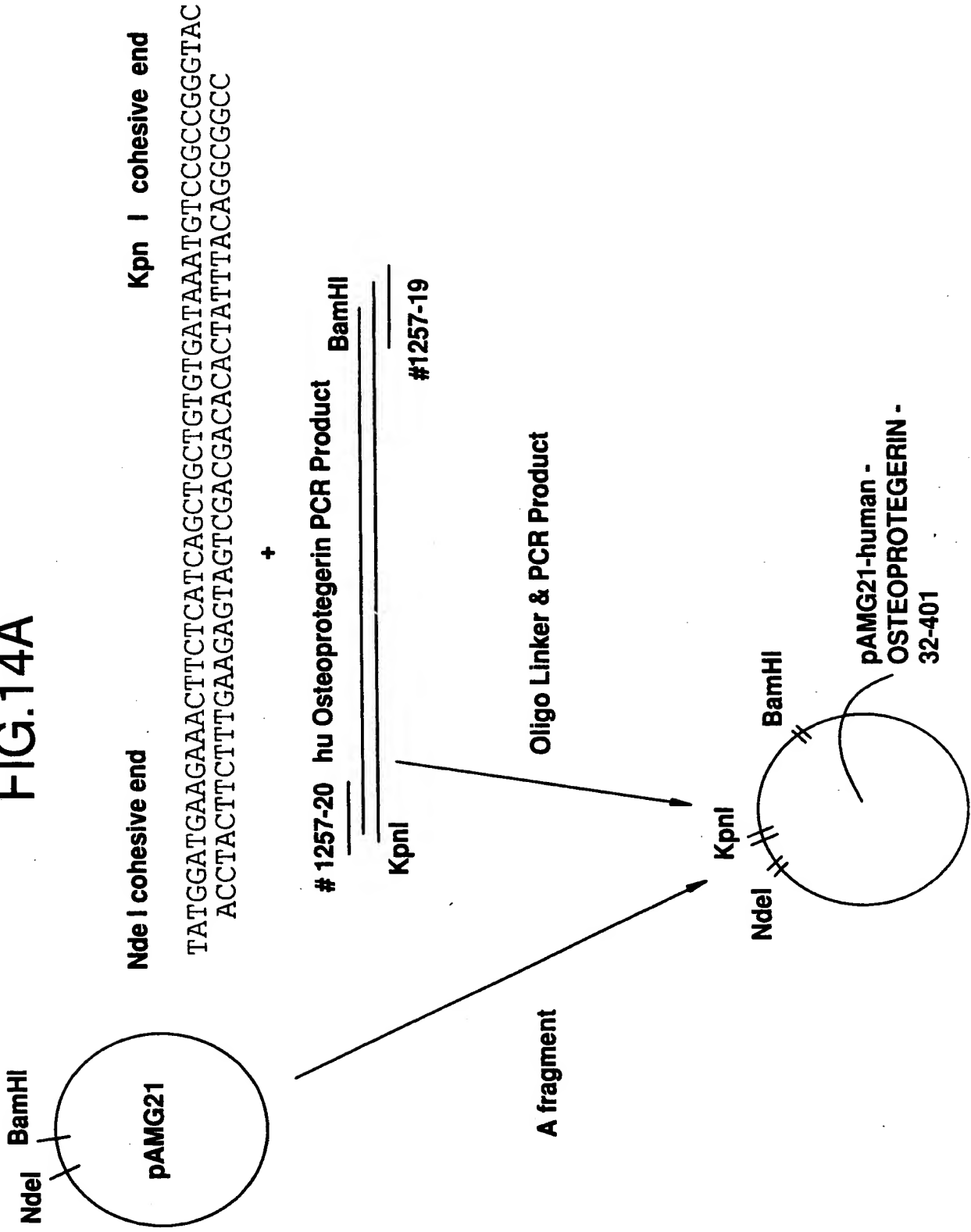


FIG.13C



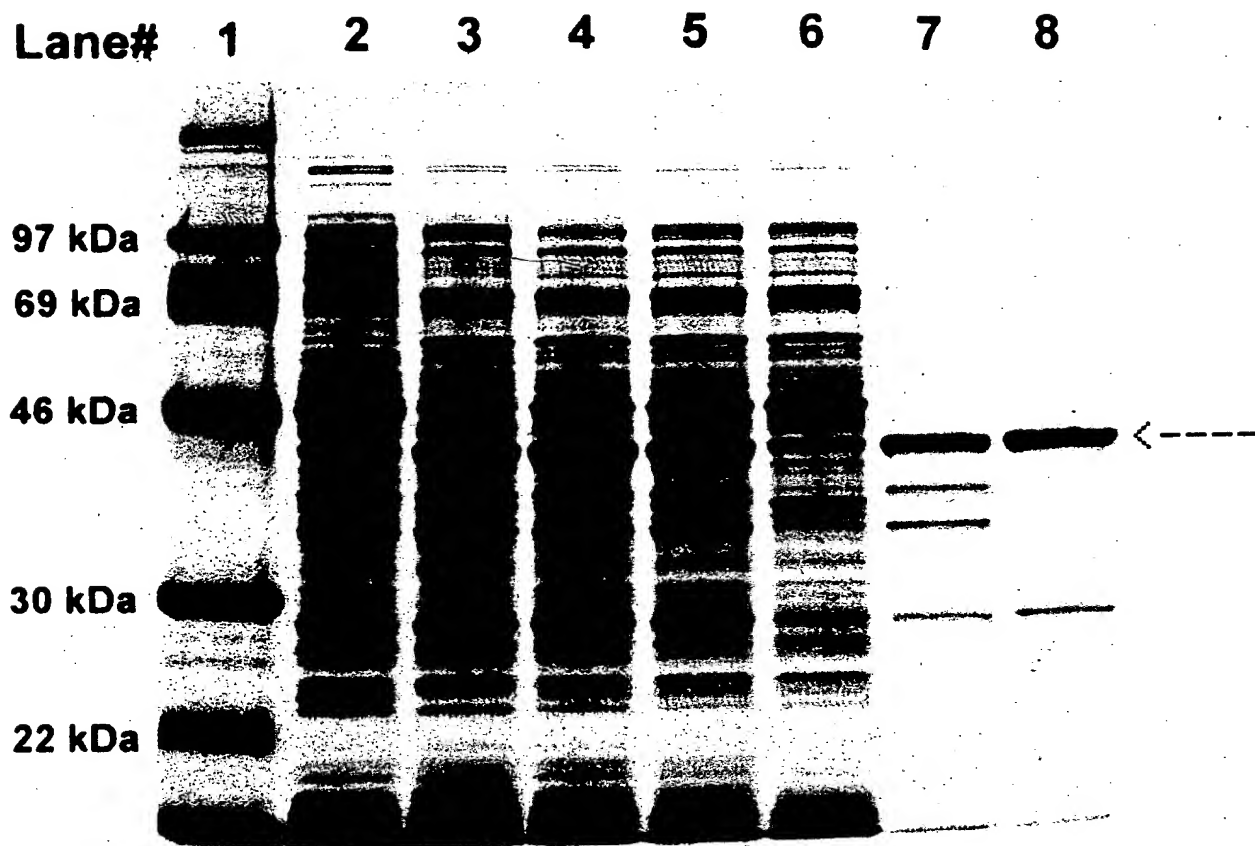
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 14A



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.14B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.16A

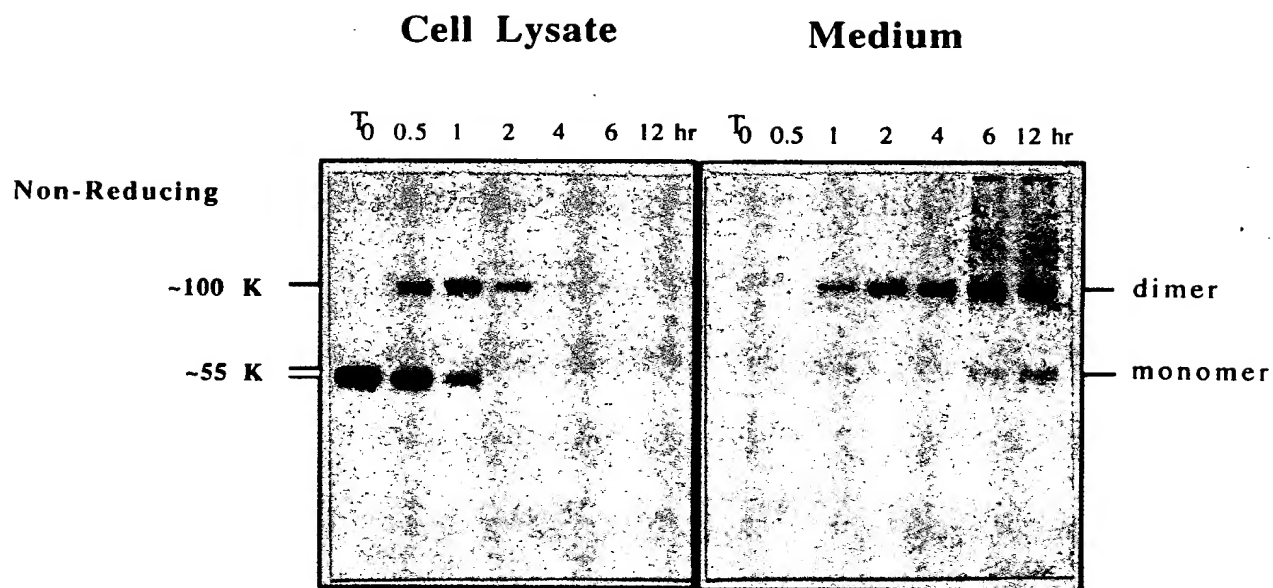
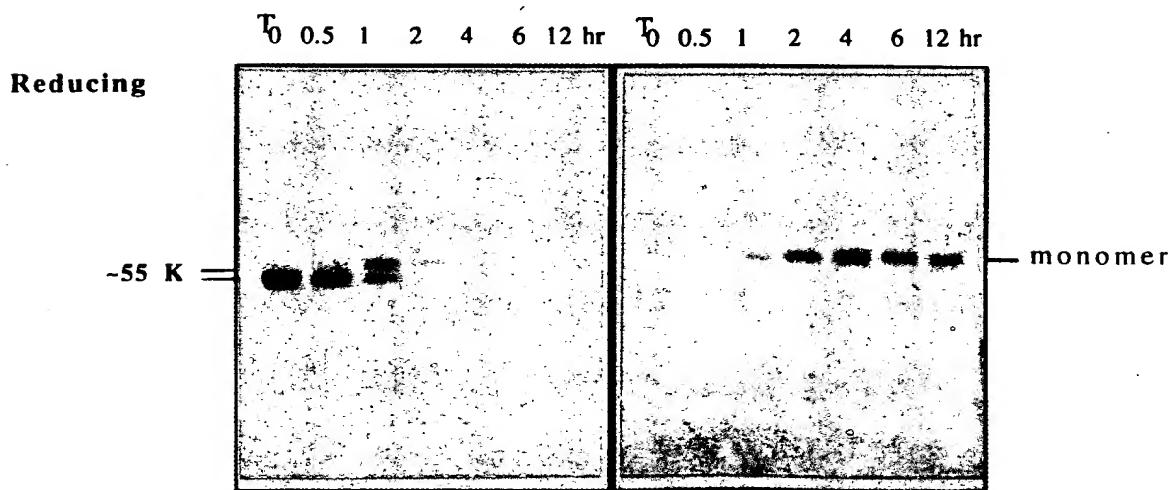
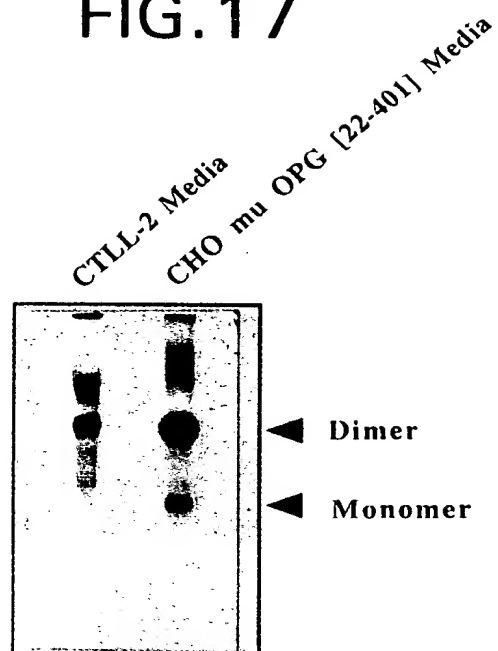


FIG.16B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG. 17



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.20

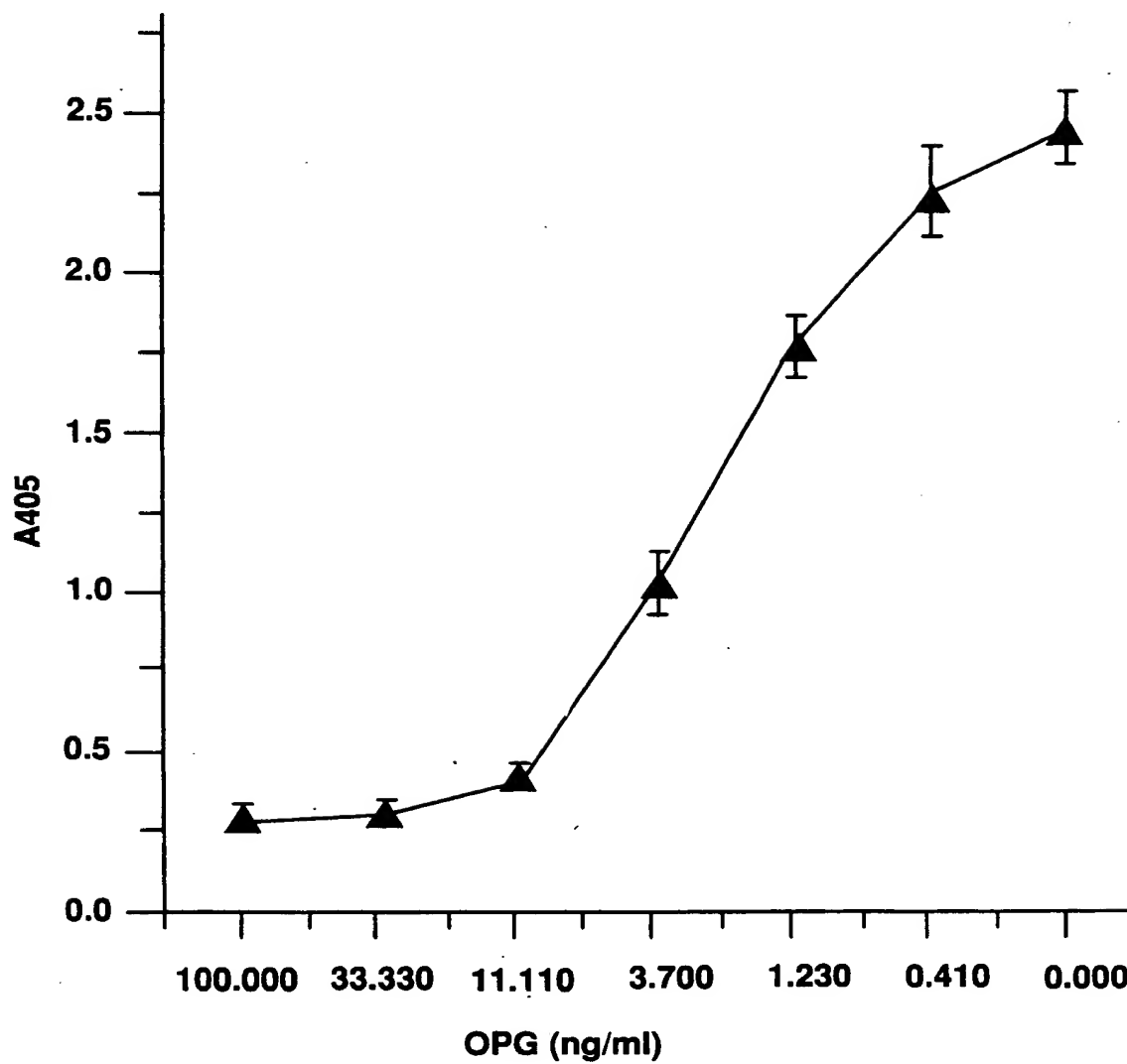
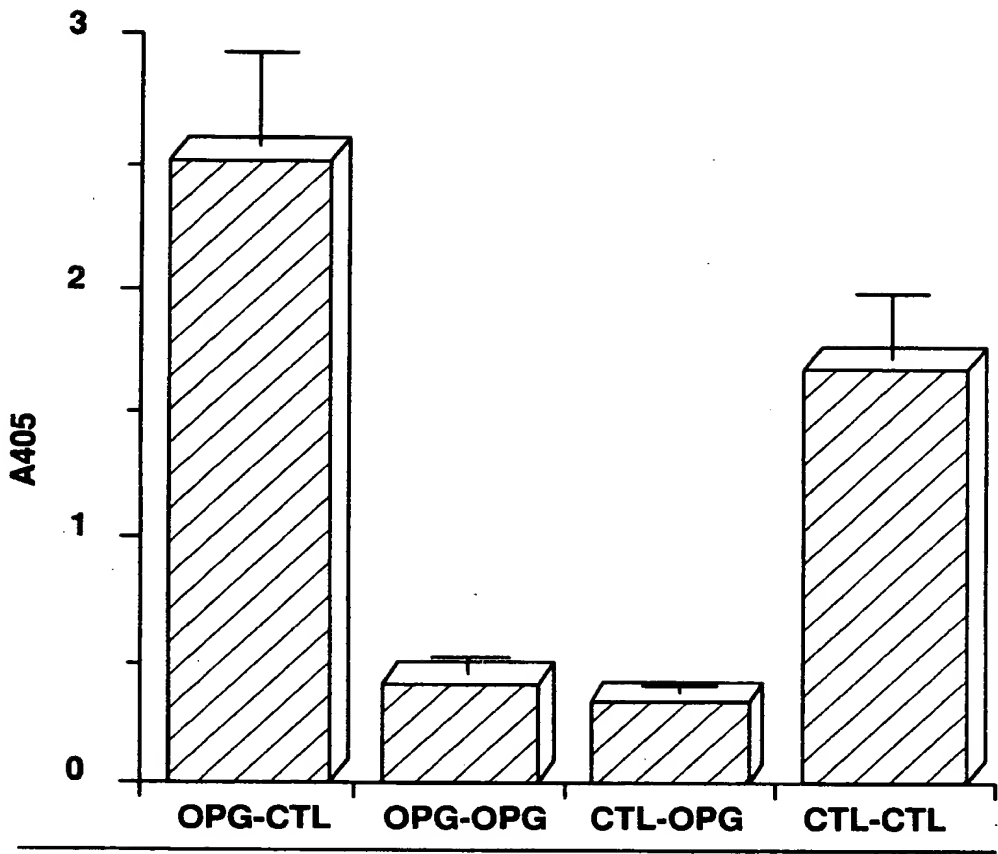


FIG.21



Legend

Growth Bone marrow cells CSF -1	Intermediate PGE2 + CSF-1	Terminal ST2 cells 1,25 (OH)2 D3 Dexamethasone
4 days	2 days	8 - 10 days
Groups	OPG	OPG
CTL - CTL	---	---
OPG - CTL	100 ng/ml	---
OPG - OPG	---	100 ng/ml
OPG - OPG	100 ng/ml	100 ng/ml

FIG.22A

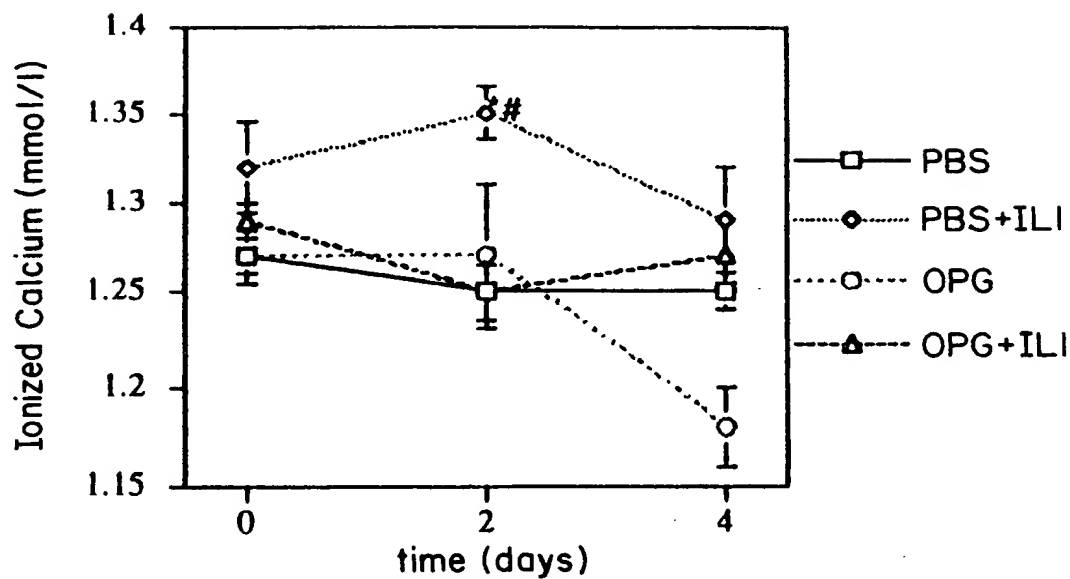
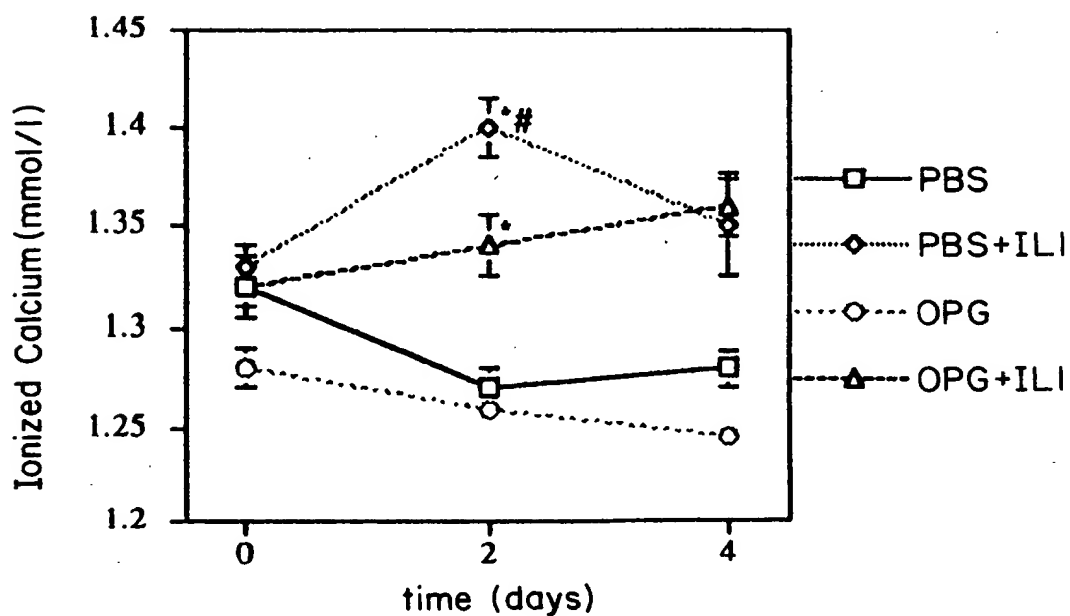


FIG.22B



* Different to PBS, $p < 0.05$

Different to OPG + IL1, $p < 0.05$

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.23A

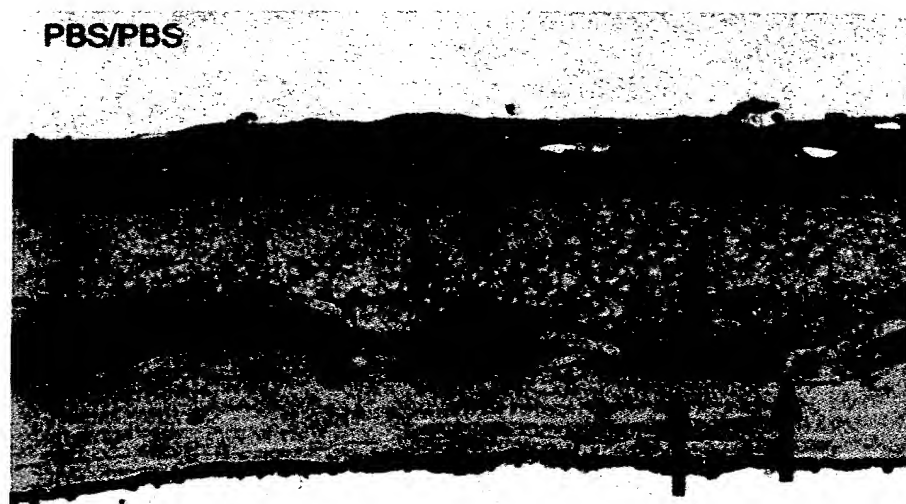
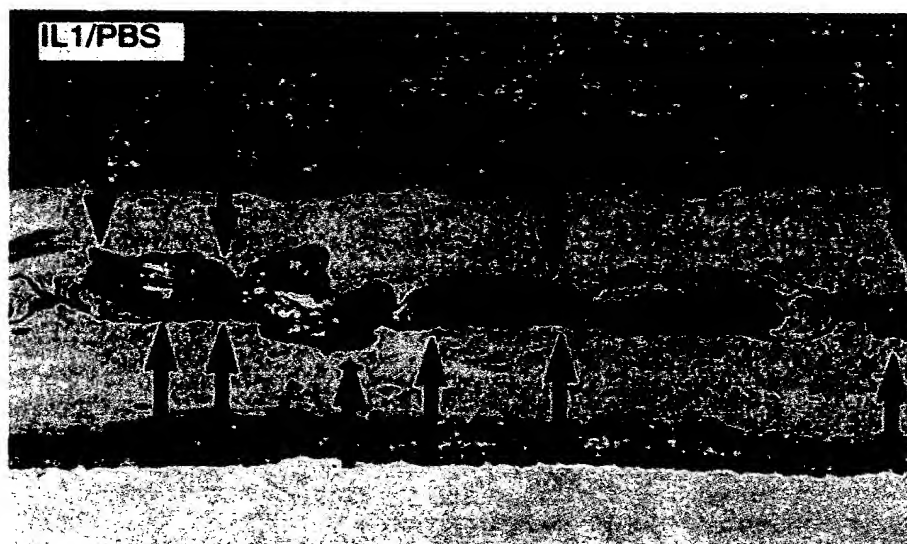


FIG.23B



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

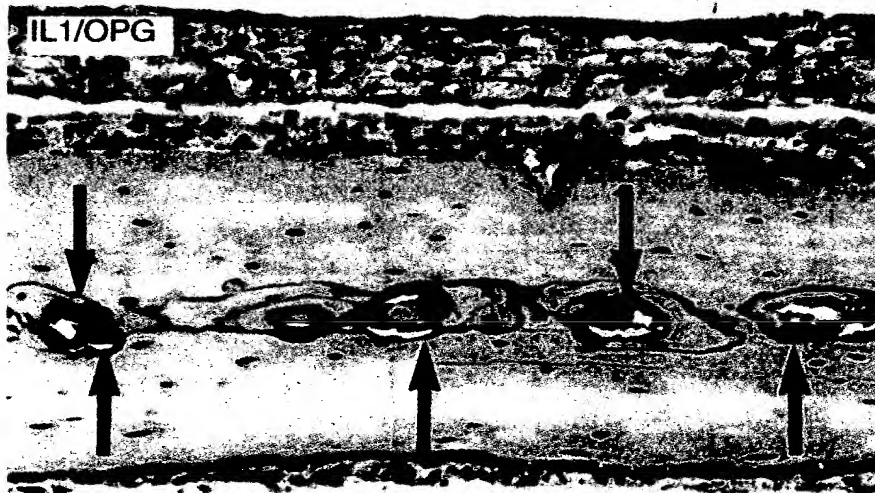
FIG.23C

PBS/OPG



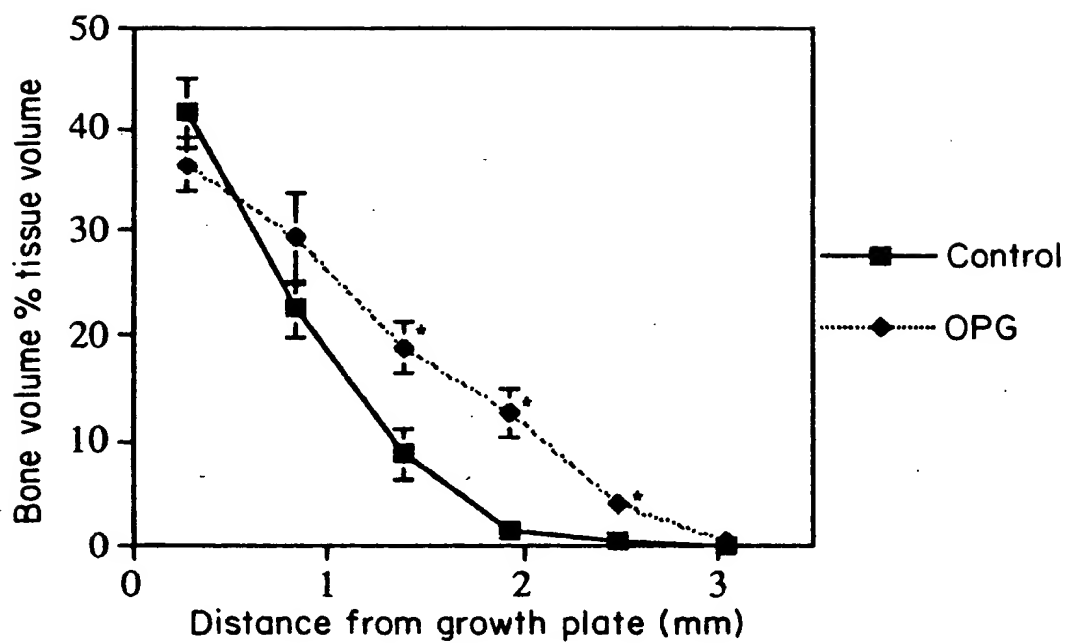
FIG.23D

IL1/OPG



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.25



* Different to control $p < 0.01$

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.26A

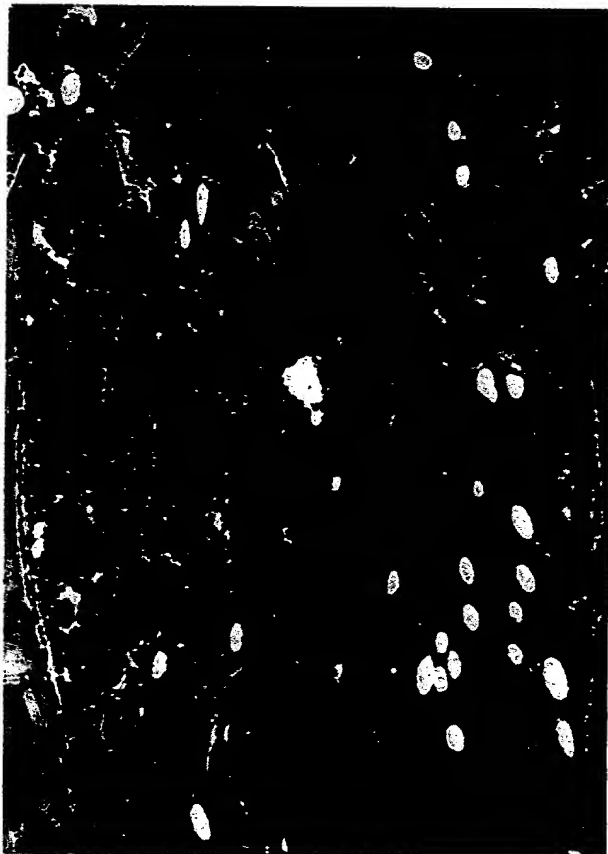
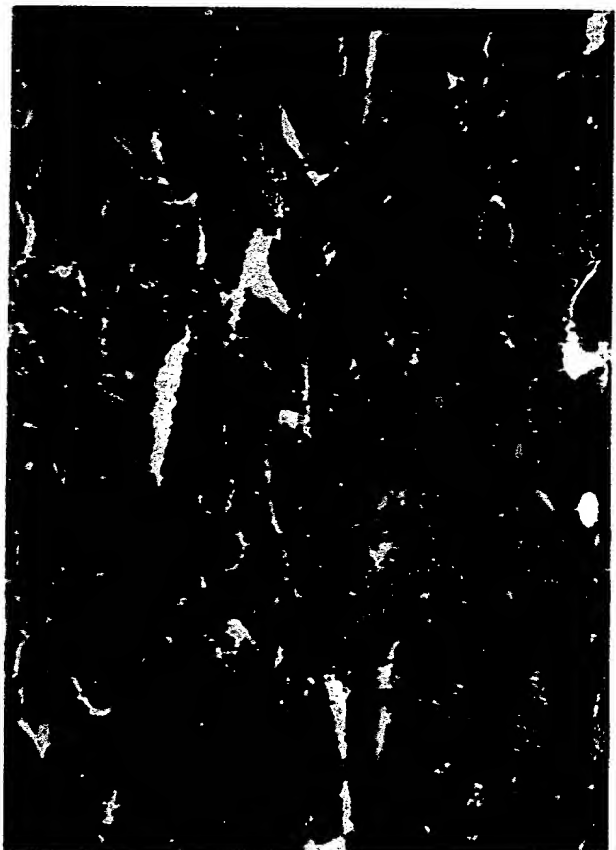


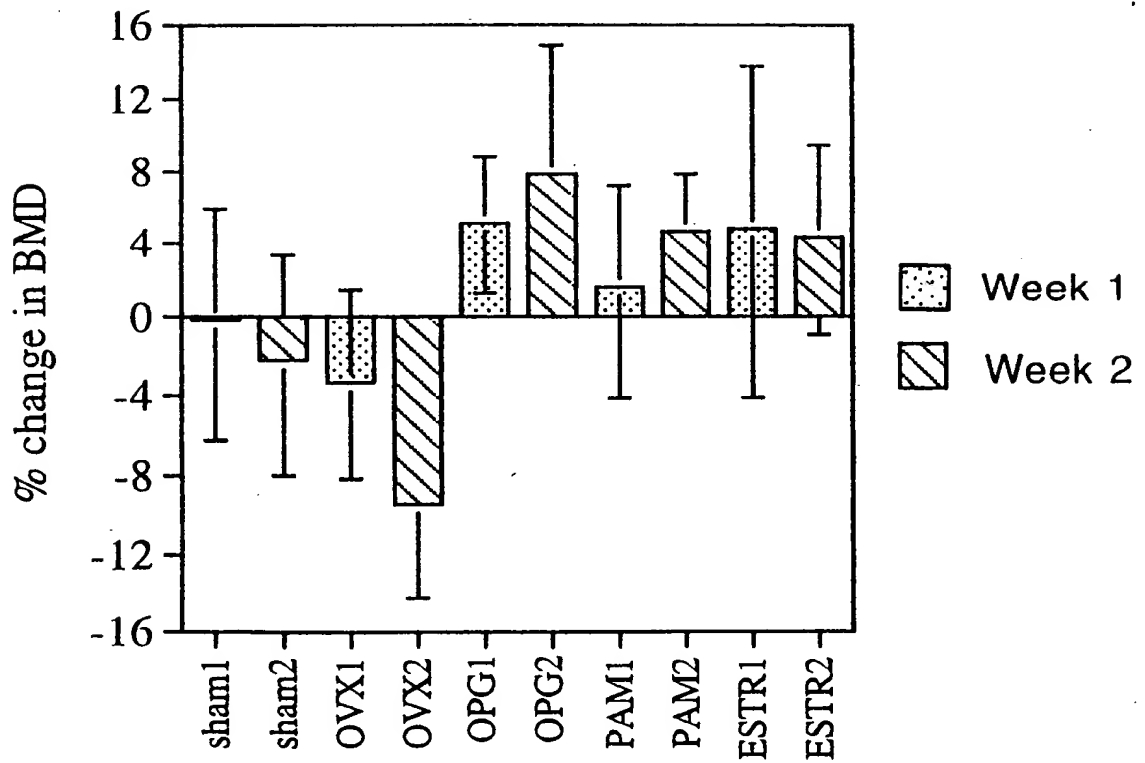
FIG.26.B



007200-20307100

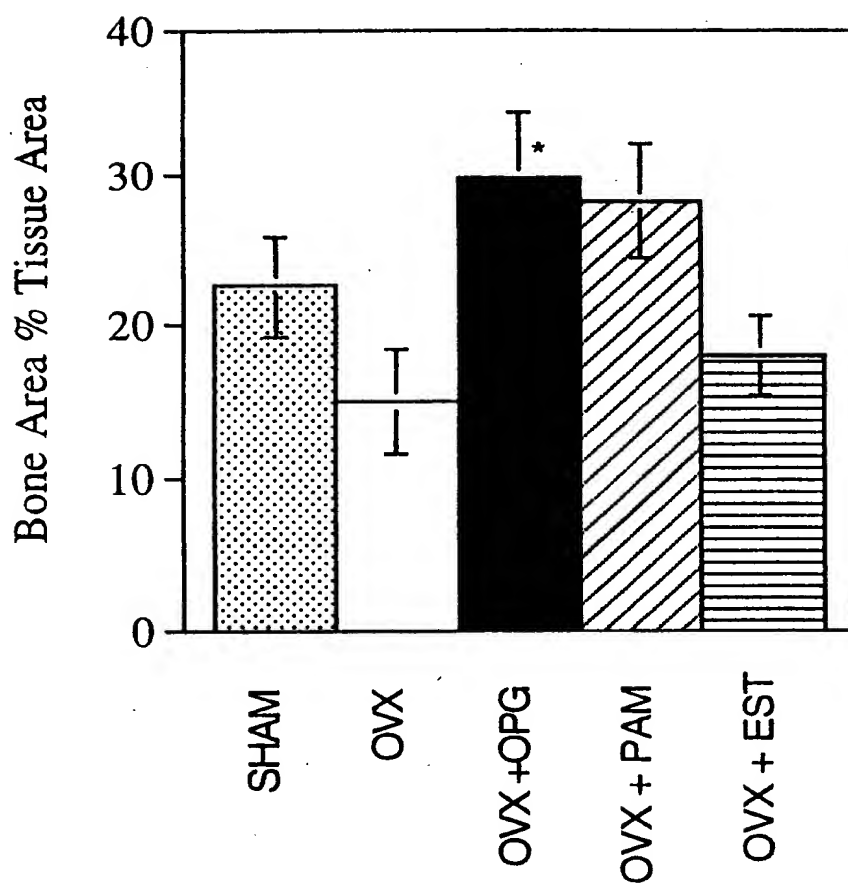
APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.27



APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

FIG.28



* Different to OVX $p < 0.05$